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157U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## ATTORNEY'S DOCKET NUMBER

21057YP

## U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/517119

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE  
PCT/US03/18841 14 June 2003PRIORITY DATE CLAIMED  
17 June 2002

## TITLE OF INVENTION

CARBOCYCLIC NUCLEOSIDE DERIVATIVES AS INHIBITORS OF RNA-DEPENDENT RNA VIRAL POLYMERASE

## APPLICANT(S) FOR DO/EO/US

Balkrishen BHAT, Neelima BHAT, Prasad DANDE, Anne B. ELDRUP, David B. OLSEN, Malcolm MACCOSS

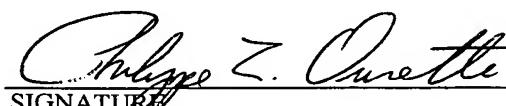
**Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:**

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (19) indicated below.
4.  The US has been elected (PCT Article 31).
5.  A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].
7.  Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9.  An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

**Items 11 to 18 below concern other document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.
14.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  Other items or information:  
Unsigned declaration of the inventor(s)

DATE OF DEPOSIT 12/21/04  
EXPRESS MAIL NO. E174273 F170545  
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS EXPRESS MAIL POST OFFICE TO ADDRESSEE  
THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO  
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ALEXANDRIA, VIRGINIA 22313-1450

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>107517119</b>	INTERNATIONAL APPLICATION NO. PCT/US03/18841	ATTORNEY'S DOCKET NUMBER <b>210574P DT05 Rec'd PCT/PTO 02 DEC 2004</b>		
19. <input checked="" type="checkbox"/> The following fees are submitted:		<b>CALCULATIONS</b>		
<b>BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]:</b>		<b>PTO USE ONLY</b>		
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee [37 CFR 1.445(a)(2)] paid to USPTO and International Search Report not prepared by the EPO or JPO.....		\$1,110.00		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....		\$950.00		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee [37 CFR 1.445(a)(2)] paid to USPTO .....		\$790.00		
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....		\$750.00		
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....		\$100.00		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$750.00		
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].				
Claims	Number Filed	Number Extra	Rate	
Total Claims	17 - 20 =	0	X \$18.00	\$0.00
Independent Claims	1 - 3 =	0	X \$88.00	\$0.00
Multiple dependent claim(s) (if applicable)			+ \$300.00	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$750.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				
		<b>SUBTOTAL =</b>	\$750.00	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date [37 CFR 1.492(f)].		+		
		<b>TOTAL NATIONAL FEE =</b>	\$750.00	
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property.		+		
		<b>TOTAL FEES ENCLOSED =</b>	\$750.00	
		Amount to be refunded		
		charged		
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.				
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$750.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed.				
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.</b>				
SEND ALL CORRESPONDENCE TO: <b>Customer No. 000210</b>				
MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970				
 <b>SIGNATURE</b> <u>Philippe L. Durette</u> <b>NAME</b>				
DATE: <u>December 2, 2004</u>				
PHONE #: <u>(732) 594-4568</u>				
35,125 <b>REGISTRATION NUMBER</b>				